BRUHATH BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER
YELAHANKA DIVISION

MASUREMENT SHEETS

1st and Final Bill

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	1									
Item Name:	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301									

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			06-05-2022						
For Bad Reaches									
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End									
			1	2.00	3.00	3.00	3.00	0.30	1.80
			1	5.00	2.00	2.00	2.00	0.30	3.00
			1	3.50	1.80	1.80	1.80	0.30	1.89
			1	2.50	3.00	3.00	3.00	0.30	2.25
			1	2.00	2.00	1.50	1.75	0.30	1.05
			1	5.00	2.50	2.50	2.50	0.30	3.75
			1	3.00	2.00	2.00	2.00	0.30	1.80
			1	3.55	1.85	1.85	1.85	0.30	1.97
			1	6.00	2.20	2.20	2.20	0.30	3.96
			1	5.00	1.55	1.55	1.55	0.30	2.33
			1	3.00	1.20	1.20	1.20	0.30	1.08
			1	7.00	2.50	2.00	2.25	0.30	4.73
			1	10.00	1.50	1.50	1.50	0.30	4.50
			1	5.00	2.50	2.50	2.50	0.30	3.75
			1	2.50	2.00	2.00	2.00	0.30	1.50
			1	5.00	2.00	2.00	2.00	0.30	3.00
			1	10.00	1.50	1.50	1.50	0.30	4.50
			1	8.00	1.25	1.25	1.25	0.30	3.00
			1	5.00	1.50	1.50	1.50	0.30	2.25
			1	12.00	2.50	2.50	2.50	0.30	9.00
			1	7.50	2.00	2.00	2.00	0.30	4.50
			1	5.00	4.00	4.00	4.00	0.30	6.00
			1	3.50	1.80	1.80	1.80	0.30	1.89
			1	6.00	1.25	1.25	1.25	0.30	2.25

C&PC

Ramesh Kumar A.E.E

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)

6/5/2022

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	5.00	2.20	2.20	2.20	0.30	3.30	
			1	10.00	3.00	3.00	3.00	0.30	9.00	
BWSSB Cutting			1	30.00	1.20	1.20	1.20	0.30	10.80	
			1	30.00	1.20	1.20	1.20	0.30	10.80	
			1	30.00	1.20	1.20	1.20	0.30	10.80	
	Total Quantity								120.44	Cum
	Quantity Carried to Summary								120.44	Cum

Asst Engineer
Ward No.01
BBMP

Asst Executive Engineer
Yelahanka Sub Division
BBMP

Asst Executive Engineer
Yelahanka Sub Divison
Yelahanka Bangalore
6/5/22

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	3							
Item Name:	Removal of unserviceable soil including excavation, loading replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301							

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			05-05-2022					
Drain Desilting								
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End								
LHS			1	0.00	0.60	0.40	0.00	
			1	30.00	0.60	0.45	8.10	
			1	30.00	0.60	0.50	9.00	
			1	30.00	0.60	0.50	9.00	
			1	30.00	0.60	0.45	8.10	
			1	30.00	0.60	0.45	8.10	
			1	30.00	0.60	0.40	7.20	
			1	16.00	0.60	0.40	3.84	
RHS			1	0.00	0.60	0.50	0.00	
			1	30.00	0.60	0.45	8.10	
			1	30.00	0.60	0.40	7.20	
			1	30.00	0.60	0.55	9.90	
			1	30.00	0.60	0.40	7.20	
			1	30.00	0.60	0.50	9.00	
			1	30.00	0.60	0.45	8.10	
			1	16.00	0.60	0.40	3.84	

Checked & Recorded

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

5/5/2022

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
RHS			1	0.00	0.60	0.40	0.00	
			1	30.00	0.60	0.45	8.10	
			1	30.00	0.60	0.45	8.10	
			1	15.00	0.60	0.40	3.60	
	Total Quantity						300.18	Cum
	Quantity Carried to Summary						300.18	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

5/5/2022

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	7							
Item Name:	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			04-05-2022				
For Drain Covering Slab							
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End							
LHS			1	0.00	0.90	0.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	C & F.C.
			1	16.00	0.90	14.40	
RHS			1	0.00	0.90	0.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	30.00	0.90	27.00	
			1	16.00	0.90	14.40	
Suggappa Lyout 2nd Cross Road							
LHS			1	0.00	0.90	0.00	

Ramaseetal
A.E.E

Ramaseetal
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Bangalore

4/5/2022

S.NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			-1	22.00	0.90		-19.80	
	Total Quantity						702.45	Sqm
	Quantity Carried to Summary						702.45	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yelahanka Zone)
4/5/2022

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	8							
Item Name:	Providing and Fixing Pre-cast covering slab made of concrete 1:2:4 with 10cm thick and finishing cutting, including form work, cost of all materilas, labour, hire charges of chinney, loading, unloading, laid and lift transportation etc.,							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			18-05-2022				
New Precast Slab							
Suggappa Layout 1st Main Road from Mini Vidhana Shoudha to Dead End							
			1	5.00	0.90	4.50	
			1	10.00	0.90	9.00	
			2	8.00	0.90	14.40	
			1	12.00	0.90	10.80	
			1	18.00	0.90	16.20	
			1	4.00	0.90	3.60	
Suggappa Layout 2nd Cross Road							
			1	16.00	0.90	14.40	
			1	20.00	0.90	18.00	
			1	12.50	0.90	11.25	
			1	8.00	0.90	7.20	
			1	17.00	0.90	15.30	
			1	14.00	0.90	12.60	
Suggappa Layout 3rd Cross Road							

Ravish Kumar A.E.E

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore.
18/5/2022

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	15.00	0.90		13.50	
			1	12.00	0.90		10.80	
			1	18.00	0.90		16.20	
			1	10.00	0.90		9.00	
			1	8.00	0.90		7.20	
			1	14.00	0.90		12.60	
Suggappa Layout 4th Cross Road								
			1	15.00	0.90		13.50	
			1	20.00	0.90		18.00	
			1	18.00	0.90		16.20	
			1	12.00	0.90		10.80	
			1	18.00	0.90		16.20	
			1	22.00	0.90		19.80	
	Total Quantity						**301.05**	**Sqm**
	Quantity Carried to Summary						**301.05**	**Sqm**

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

18/5/22

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	10							
Item Name:	Removing and resetting of kerb stones							

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:				04-05-2022				
Kerb								
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End								
LHS			1	0.00			0.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	16.00			16.00	
RHS			1	0.00			0.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	16.00			16.00	
Deduction or Missing & Damage								
			-1	10.00			-10.00	
			-1	15.00			-15.00	
			-1	10.00			-10.00	

CSPC

Rameshreddy

AEE

Rameshreddy
4/5/2022

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	15.00			15.00	
							1077.00	m
	Total Quantity						2393.33	
	Quantity Carried to Summary						2393.00	Nos
							2393.00	Nos

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP) Yelahanka, Bangalore

4/5/2022

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	12									
Item Name:	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision									

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				09-05-2022						
For Bad Reaches										
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End										
			1	2.00	3.00	3.00	3.00	0.15	0.90	
			1	5.00	2.00	2.00	2.00	0.15	1.50	
			1	3.50	1.80	1.80	1.80	0.15	0.95	
			1	2.50	3.00	3.00	3.00	0.15	1.13	
			1	2.00	2.00	1.50	1.75	0.15	0.53	
			1	5.00	2.50	2.50	2.50	0.15	1.88	
			1	3.00	2.00	2.00	2.00	0.15	0.90	
			1	3.55	1.85	1.85	1.85	0.15	0.99	
			1	6.00	2.20	2.20	2.20	0.15	1.98	
			1	5.00	1.55	1.55	1.55	0.15	1.16	C&PC
			1	3.00	1.20	1.20	1.20	0.15	0.54	
			1	7.00	2.50	2.00	2.25	0.15	2.36	
			1	10.00	1.50	1.50	1.50	0.15	2.25	Ramanjeeth A.E.E
			1	5.00	2.50	2.50	2.50	0.15	1.88	
			1	2.50	2.00	2.00	2.00	0.15	0.75	
			1	5.00	2.00	2.00	2.00	0.15	1.50	
			1	10.00	1.50	1.50	1.50	0.15	2.25	
			1	8.00	1.25	1.25	1.25	0.15	1.50	
			1	5.00	1.50	1.50	1.50	0.15	1.13	
			1	12.00	2.50	2.50	2.50	0.15	4.50	
			1	7.50	2.00	2.00	2.00	0.15	2.25	
			1	5.00	4.00	4.00	4.00	0.15	3.00	
			1	3.50	1.80	1.80	1.80	0.15	0.95	
			1	6.00	1.25	1.25	1.25	0.15	1.13	

Ramanjeeth
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore
9/05/2022

NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	12.00	2.20	2.20	2.20	0.15	3.96	
			1	10.00	3.00	3.00	3.00	0.15	4.50	
BWSSB Cutting			1	30.00	1.20	1.20	1.20	0.15	5.40	
			1	30.00	1.20	1.20	1.20	0.15	5.40	
			1	30.00	1.20	1.20	1.20	0.15	5.40	
	Total Quantity								62.53	Cum
	Quantity Carried to Summary								62.53	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
Yelahanka, BBMP

Asst. Executive Engineer
Yelahanka Sub Division
Yelahanka, BBMP

9/5/22

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	13									
Item Name:	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406									

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			11-05-2022						
For Bad Reaches									
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End									
			1	2.00	3.00	3.00	3.00	0.15	0.90
			1	5.00	2.00	2.00	2.00	0.15	1.50
			1	3.50	1.80	1.80	1.80	0.15	0.95
			1	2.50	3.00	3.00	3.00	0.15	1.13
			1	2.00	2.00	1.50	1.75	0.15	0.53
			1	5.00	2.50	2.50	2.50	0.15	1.88
			1	3.00	2.00	2.00	2.00	0.15	0.90
			1	3.55	1.85	1.85	1.85	0.15	0.99
			1	6.00	2.20	2.20	2.20	0.15	1.98
			1	5.00	1.55	1.55	1.55	0.15	1.16
			1	3.00	1.20	1.20	1.20	0.15	0.54
			1	7.00	2.50	2.00	2.25	0.15	2.36
			1	10.00	1.50	1.50	1.50	0.15	2.25
			1	5.00	2.50	2.50	2.50	0.15	1.88
			1	2.50	2.00	2.00	2.00	0.15	0.75
			1	5.00	2.00	2.00	2.00	0.15	1.50
			1	10.00	1.50	1.50	1.50	0.15	2.25
			1	8.00	1.25	1.25	1.25	0.15	1.50
			1	5.00	1.50	1.50	1.50	0.15	1.13
			1	12.00	2.50	2.50	2.50	0.15	4.50
			1	7.50	2.00	2.00	2.00	0.15	2.25
			1	5.00	4.00	4.00	4.00	0.15	3.00
			1	3.50	1.80	1.80	1.80	0.15	0.95
			1	6.00	1.25	1.25	1.25	0.15	1.13

C&P

R.M.E.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore
11/5/2022

NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	12.00	2.20	2.20	2.20	0.15	3.96	
			1	10.00	3.00	3.00	3.00	0.15	4.50	
	BWSSB Cutting		1	30.00	1.20	1.20	1.20	0.15	5.40	
			1	30.00	1.20	1.20	1.20	0.15	5.40	
			1	30.00	1.20	1.20	1.20	0.15	5.40	
	Total Quantity								62.53	Cum
	Quantity Carried to Summary								62.53	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Asst. Executive Engineer
Yelahanka Sub Division
BBMP
11/5/22

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	14									
Item Name:	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision									

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			12-05-2022						
For Bad Reaches									
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End									
			1	2.00	3.00	3.00	3.00	6.00	
			1	5.00	2.00	2.00	2.00	10.00	
			1	3.50	1.80	1.80	1.80	6.30	
			1	2.50	3.00	3.00	3.00	7.50	
			1	2.00	2.00	1.50	1.75	3.50	
			1	5.00	2.50	2.50	2.50	12.50	
			1	3.00	2.00	2.00	2.00	6.00	
			1	3.55	1.85	1.85	1.85	6.57	
			1	6.00	2.20	2.20	2.20	13.20	
			1	5.00	1.55	1.55	1.55	7.75	
			1	3.00	1.20	1.20	1.20	3.60	C&E
			1	7.00	2.50	2.00	2.25	15.75	
			1	10.00	1.50	1.50	1.50	15.00	
			1	5.00	2.50	2.50	2.50	12.50	
			1	2.50	2.00	2.00	2.00	5.00	
			1	5.00	2.00	2.00	2.00	10.00	
			1	10.00	1.50	1.50	1.50	15.00	
			1	8.00	1.25	1.25	1.25	10.00	
			1	5.00	1.50	1.50	1.50	7.50	
			1	12.00	2.50	2.50	2.50	30.00	
			1	7.50	2.00	2.00	2.00	15.00	
			1	5.00	4.00	4.00	4.00	20.00	
			1	3.50	1.80	1.80	1.80	6.30	
			1	6.00	1.25	1.25	1.25	7.50	

Ramesh Kumar
A.E.E

Assistant Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

12/5/2022

NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	12.00	2.20	2.20	2.20		26.40	
			1	10.00	3.00	3.00	3.00		30.00	
BWSSB Cutting			1	30.00	1.20	1.20	1.20		36.00	
			1	30.00	1.20	1.20	1.20		36.00	
			1	30.00	1.20	1.20	1.20		36.00	
	Total Quantity								416.87	Sqm
	Quantity Carried to Summary								416.87	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Zn)
Yelahanka, Bangalore
12/5/22

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	17									
Item Name:	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision									

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				16-05-2022						
For DBM										
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End										
	0.00	0.00	1	0.00	5.50	5.50	5.50		0.00	
	0.00	30.00	1	30.00	5.50	5.40	5.45		163.50	
	30.00	60.00	1	30.00	5.40	4.30	4.85		145.50	
	60.00	90.00	1	30.00	7.30	4.85	6.08		182.25	Vignesh Enterprises
	90.00	120.00	1	30.00	4.85	6.45	5.65		169.50	
	120.00	150.00	1	30.00	6.45	7.65	7.05		211.50	
	150.00	180.00	1	30.00	7.65	7.30	7.48		224.25	
	180.00	210.00	1	30.00	7.30	6.30	6.80		204.00	
	210.00	219.00	1	9.00	6.30	6.30	6.30		56.70	
	Deductions									
	MH		-1	(3.14x1^2)/4					-0.79	
	Total Quantity								1356.42	Sqm
	Quantity Carried to Summary								1356.42	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP)
Yelahanka, Bangalore

16/5/2022

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	18									

Item Name: Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				18-05-2022						
For Asphalting										
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End										
	0.00	0.00	1	0.00	5.50	5.50	5.50	0.04	0.00	
	0.00	30.00	1	30.00	5.50	5.40	5.45	0.04	6.54	
	30.00	60.00	1	30.00	5.40	4.30	4.85	0.04	5.82	
	60.00	90.00	1	30.00	7.30	4.85	6.08	0.04	7.29	
	90.00	120.00	1	30.00	4.85	6.45	5.65	0.04	6.78	
	120.00	150.00	1	30.00	6.45	7.65	7.05	0.04	8.46	
	150.00	180.00	1	30.00	7.65	7.30	7.48	0.04	8.97	
	180.00	210.00	1	30.00	7.30	6.30	6.80	0.04	8.16	
	210.00	219.00	1	9.00	6.30	6.30	6.30	0.04	2.27	
	Deductions									
	MH		-1	(3.14x1^2)/4				0.04	-0.03	
	Total Quantity								54.26	Sqm
	Quantity Carried to Summary								54.26	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yelahanka Zone)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	20							
Item Name:	Direction and Place Identification Signs with size morethan 0.9 sqm Size Board: Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			18-05-2022				
Down Bazar Road from Nagareshwara Circle to NH (Kogilu Circle)							
			4			4.00	
	Total Quantity					**4.00**	**Sqm**
	Quantity Carried to Summary					**4.00**	**Sqm**

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Asphalting to Road from 1st Cross Road at Suggappa Layout in Ward No-01 Kempegowda of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.M.Ravish Kumar (Messers B Munikrishnappa)

Item No.	21							

Item Name: KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				18-05-2022				
Lane Marking								
Sides								
Suggappa Lyout 1st Main Road from Mini Vidhana Shoudha to Dead End								
	0.00	0.00	2	0.00	0.10		0.00	
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	90.00	2	30.00	0.10		6.00	
	90.00	120.00	2	30.00	0.10		6.00	
	120.00	150.00	2	30.00	0.10		6.00	
	150.00	180.00	2	30.00	0.10		6.00	
	180.00	210.00	2	30.00	0.10		6.00	
	210.00	219.00	2	9.00	0.10		1.80	
	Total Quantity						**43.80**	**Sqm**
	Quantity Carried to Summary						**43.80**	**Sqm**

C & RC

A.E.E

Assistant Executive Engineer 18/5/2022
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore